Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025441.D
Acq On : 16 Aug 2025 01:55
Operator : CG/JU
Sample : Q2732-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Quant Time: Aug 18 01:39:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	132149	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	532347	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	351260	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	726268	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	752195	20.000	ng	-0.02
86) Perylene-d12	24.983	264	794612	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	880839	110.694	ng	0.00
7) Phenol-d6	6.960	99	1056336	103.541	ng	0.00
23) Nitrobenzene-d5	8.925	82	796849	75.719	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	573137	121.222	ng	-0.01
45) 2-Fluorobiphenyl	13.013	172	1818218	70.743	ng	0.00
79) Terphenyl-d14	19.913	244	3088521	75.122	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.055	88	16667	5.347	ng	# 1
31) Naphthalene	10.607	128	1125914	40.692	ng	100
33) 4-Chloroaniline	10.607	127	148043	12.113	ng	# 33
37) 2-Methylnaphthalene	12.207	142	409089	22.719	ng	97
38) 1-Methylnaphthalene	12.431	142	289949	15.142	ng	99
46) 1,1'-Biphenyl	13.219	154	95081	3.727	ng	99
49) Acenaphthylene	14.113	152	127162	3.870	ng	96
52) Acenaphthene	14.454	154	233746	12.118	ng	98
58) Fluorene	15.448	166	174831	7.265	ng	100
71) Phenanthrene	17.230	178	770332	19.308	ng	99
72) Anthracene	17.230	178	770332	18.907	ng	99

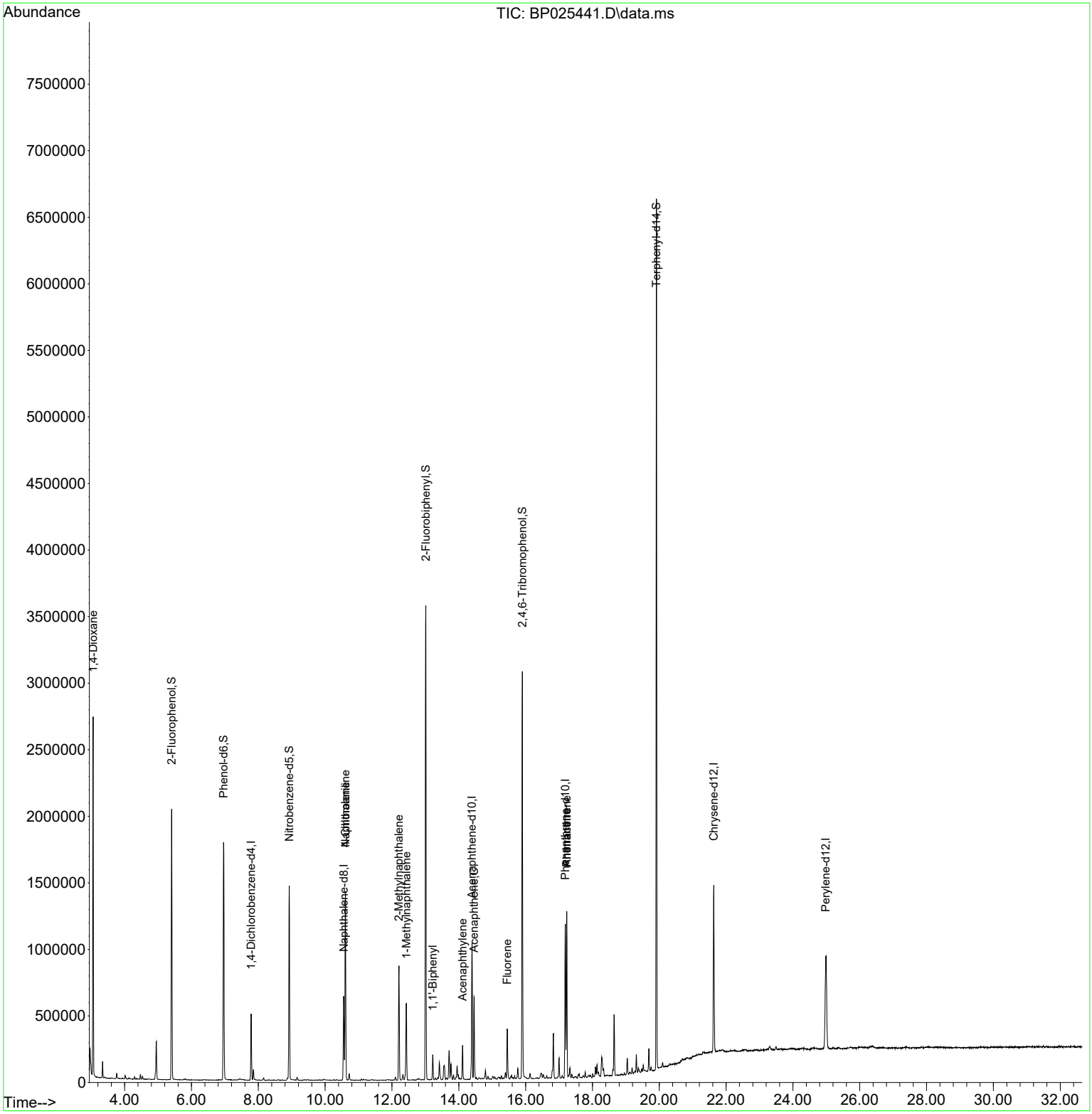
(#) = qualifier out of range (m) = manual integration (+) = signals summed

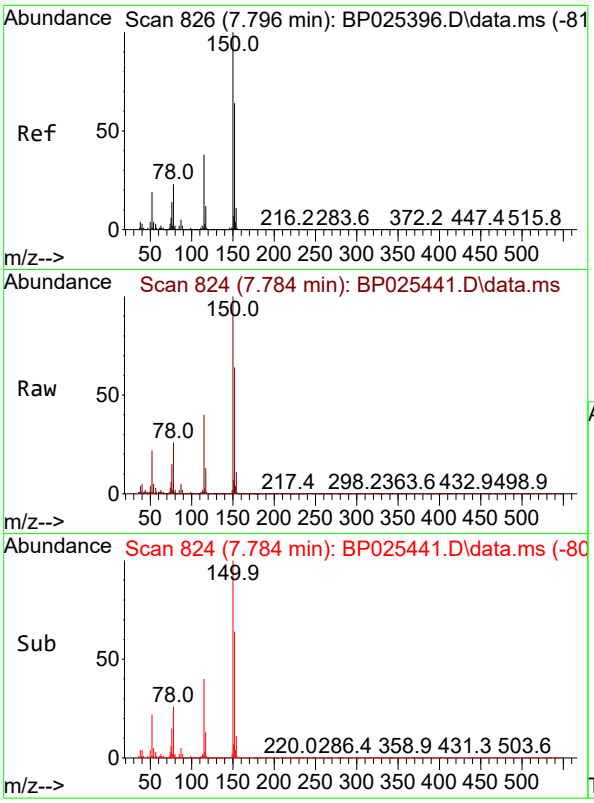
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025441.D
Acq On : 16 Aug 2025 01:55
Operator : CG/JU
Sample : Q2732-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Quant Time: Aug 18 01:39:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



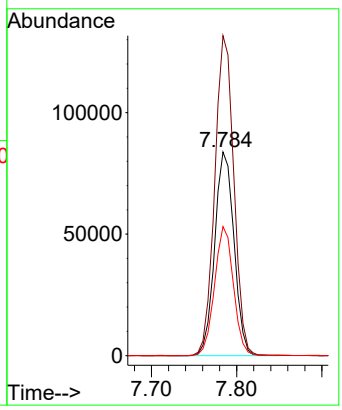


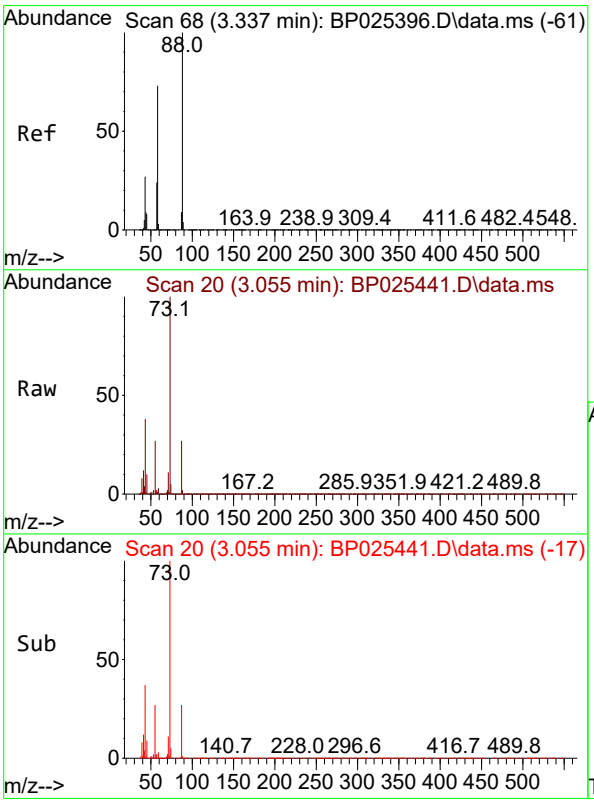
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Tgt Ion:152 Resp: 132149

Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.9	188.9
115	63.4	48.5	72.7

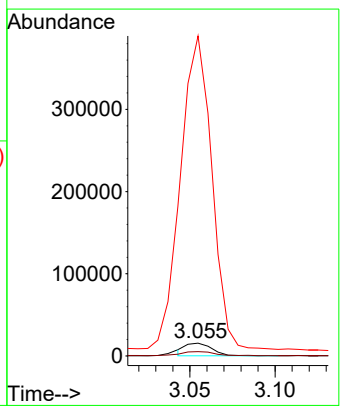


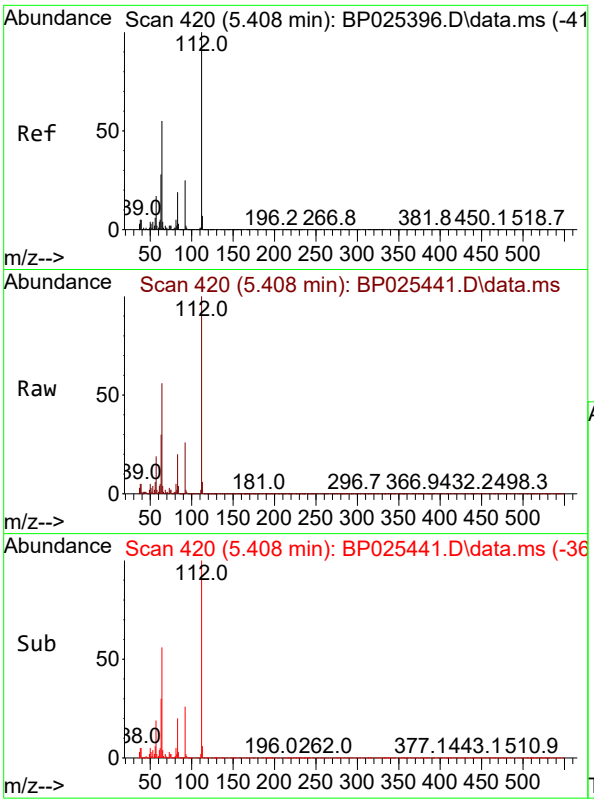


#2
1,4-Dioxane
Concen: 5.347 ng
RT: 3.055 min Scan# 20
Delta R.T. -0.282 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Tgt Ion: 88 Resp: 16667

Ion	Ratio	Lower	Upper
88	100		
58	34.7	59.2	88.8#
43	2457.0	21.7	32.5#



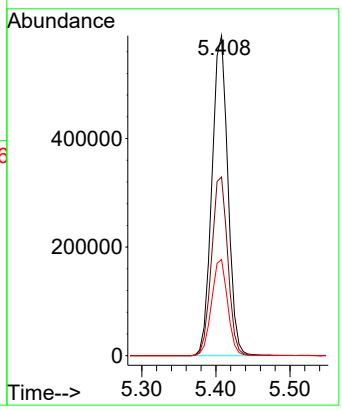


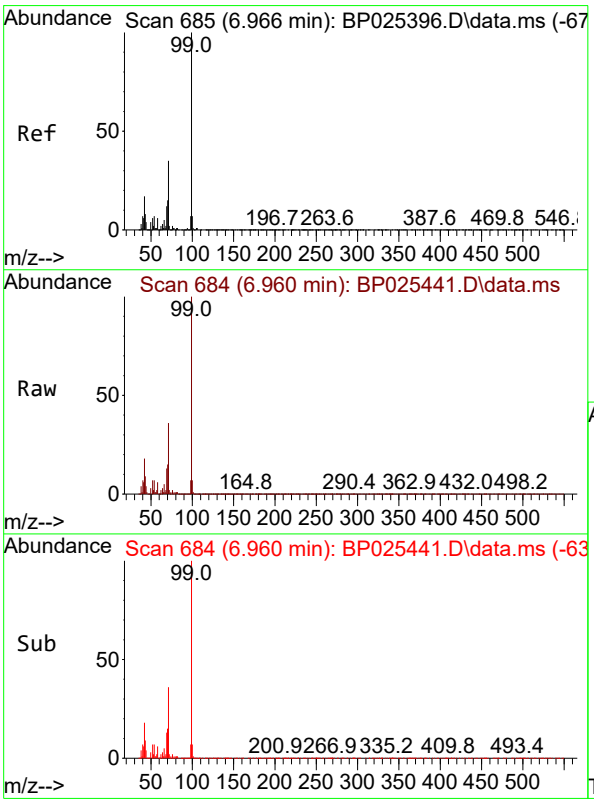
#5
2-Fluorophenol
Concen: 110.694 ng
RT: 5.408 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Tgt Ion:112 Resp: 880839

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.8	65.8
63	30.1	22.7	34.1

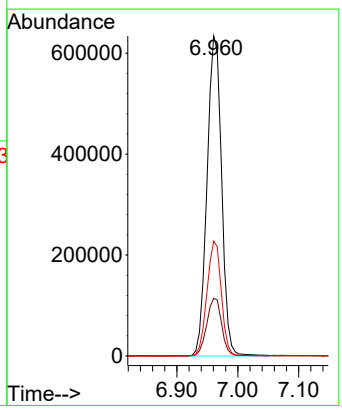


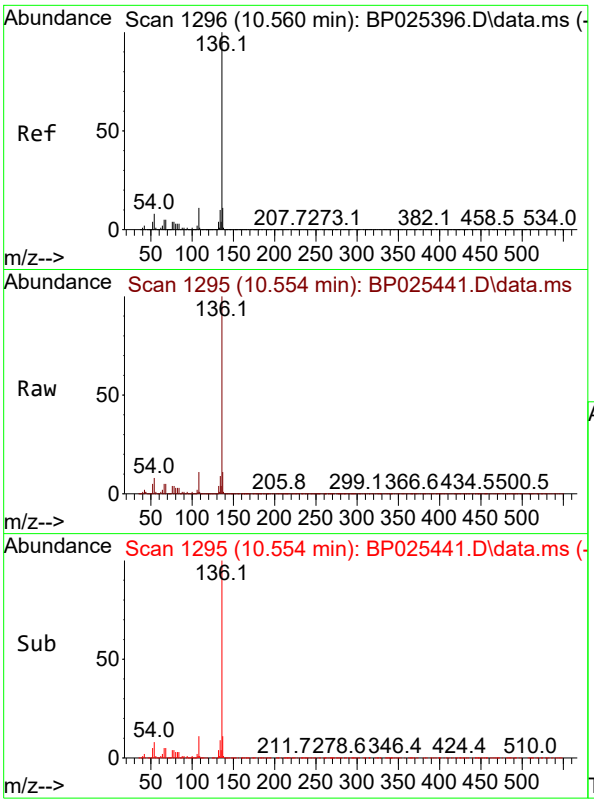


#7
Phenol-d6
Concen: 103.541 ng
RT: 6.960 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Tgt Ion: 99 Resp: 1056336

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.7	20.5
71	35.9	28.2	42.4



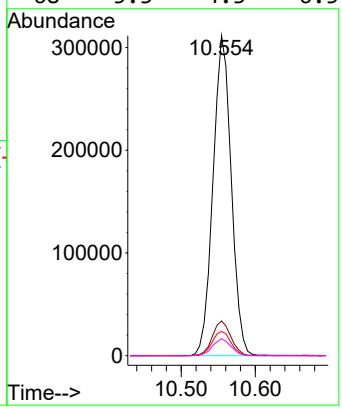


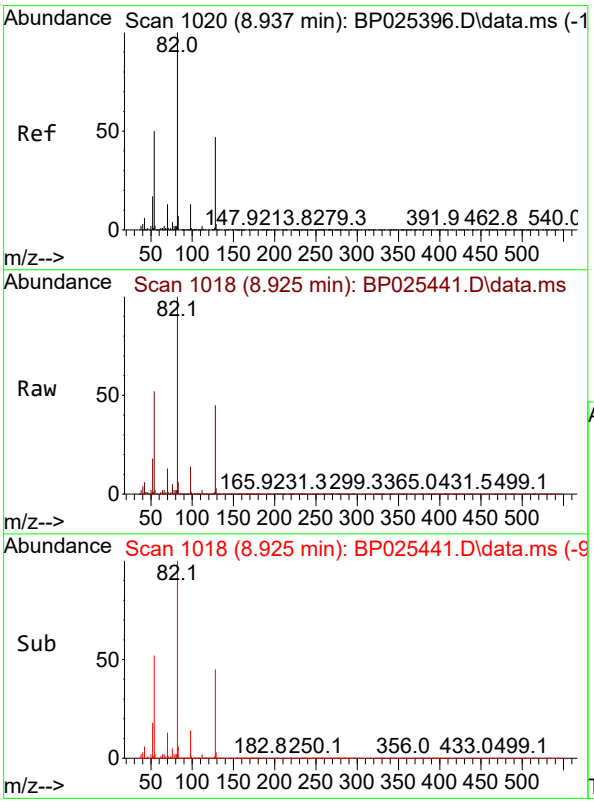
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Tgt Ion:136 Resp: 532347

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.5	6.0	9.0
68	5.3	4.3	6.5

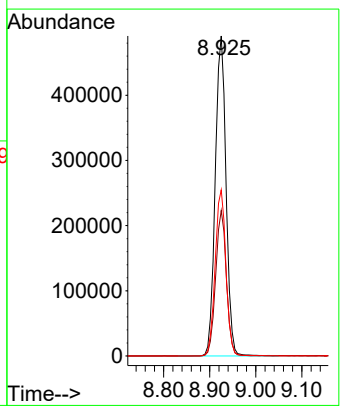


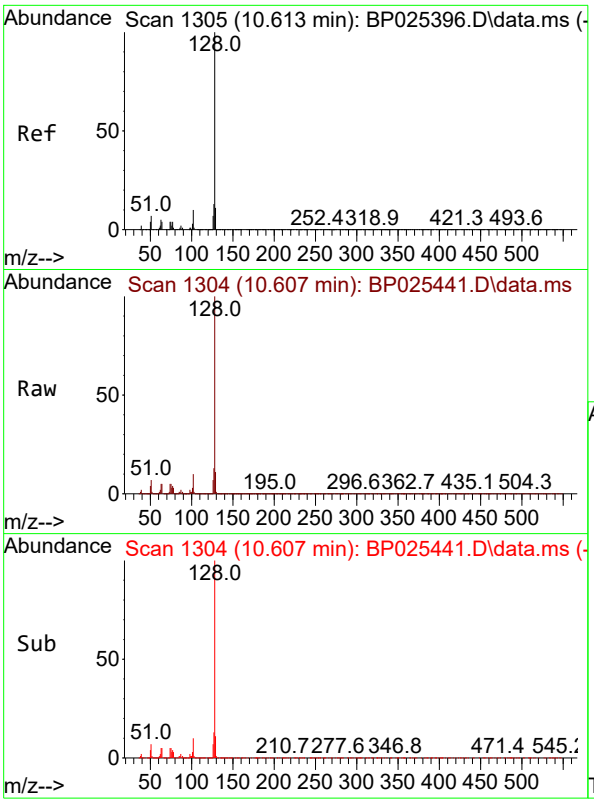


#23
Nitrobenzene-d5
Concen: 75.719 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Tgt Ion: 82 Resp: 796849

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.7	56.5
54	51.9	39.8	59.6



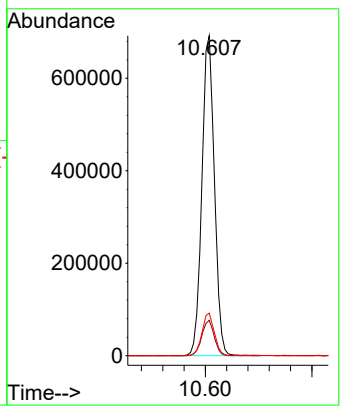


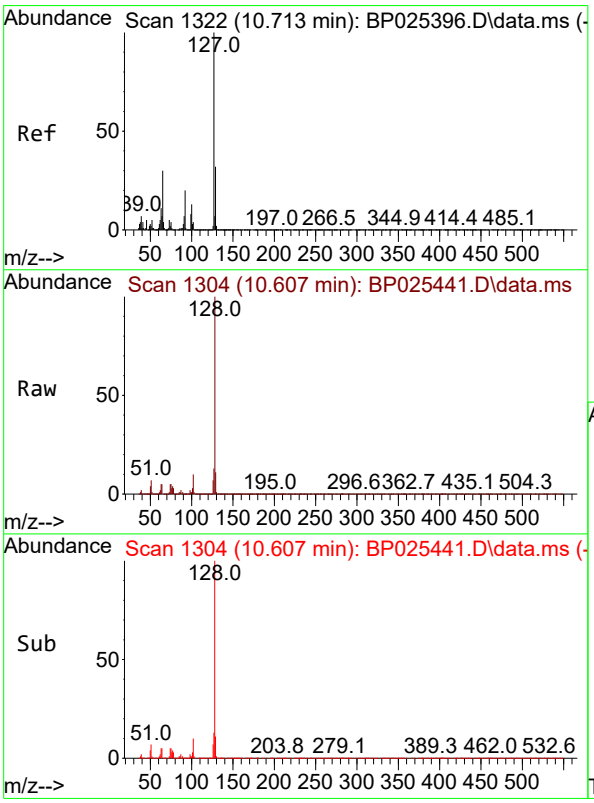
#31
Naphthalene
Concen: 40.692 ng
RT: 10.607 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Tgt Ion:128 Resp: 1125914

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.3	10.7	16.1

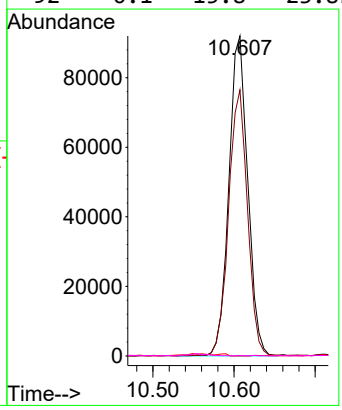


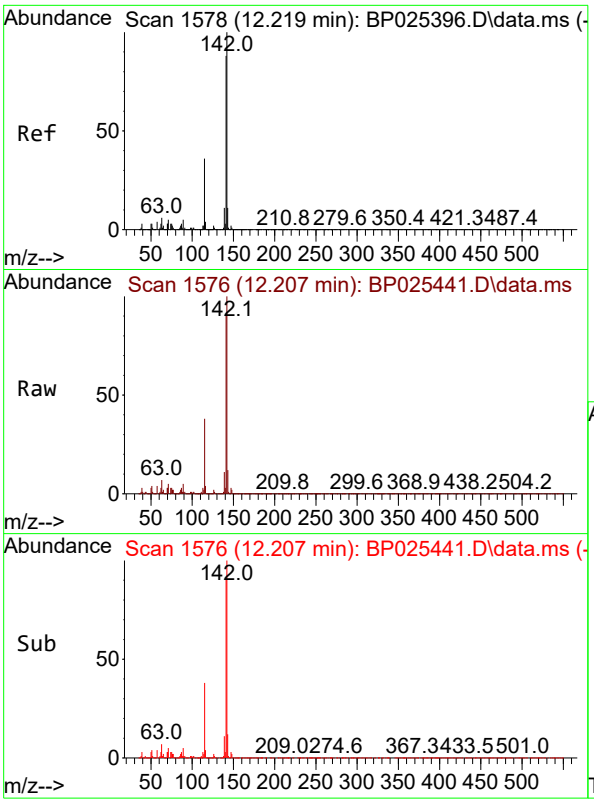


#33
4-Chloroaniline
Concen: 12.113 ng
RT: 10.607 min Scan# 1304
Delta R.T. -0.106 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Tgt Ion:127 Resp: 148043

Ion	Ratio	Lower	Upper
127	100		
129	83.2	25.4	38.2#
65	0.0	23.8	35.6#
92	0.1	15.8	23.8#



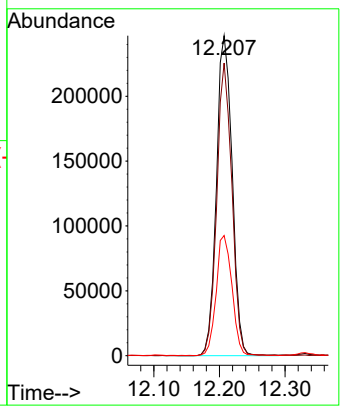


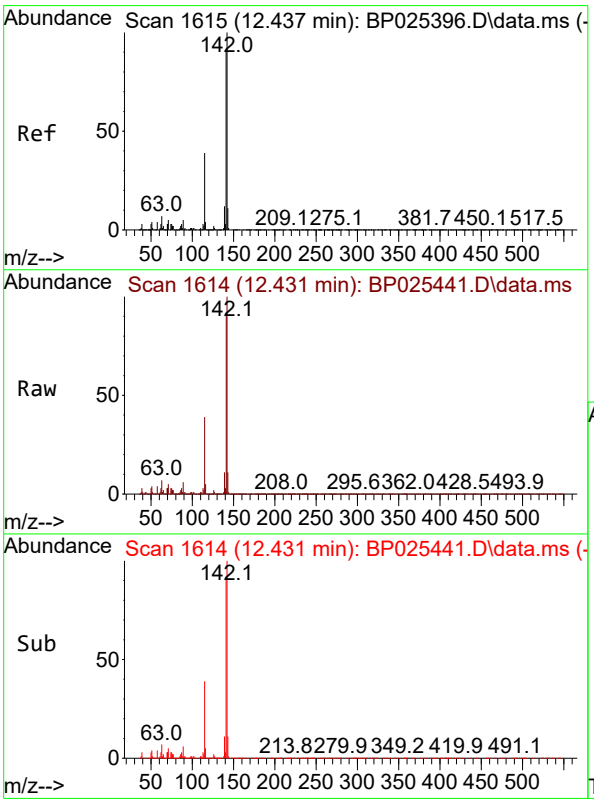
#37
2-Methylnaphthalene
Concen: 22.719 ng
RT: 12.207 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Tgt Ion:142 Resp: 409089

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.3	105.5
115	37.6	28.9	43.3

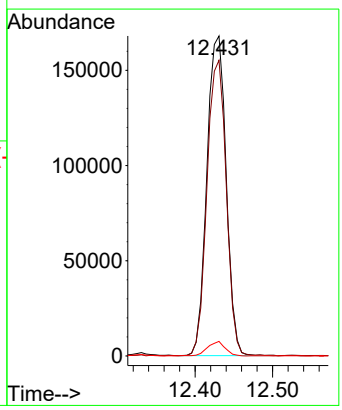


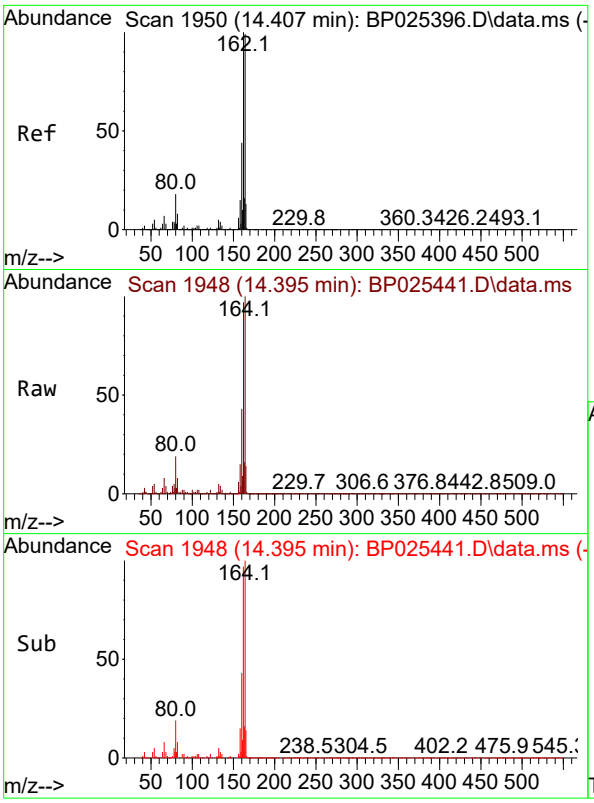


#38
1-Methylnaphthalene
Concen: 15.142 ng
RT: 12.431 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Tgt Ion:142 Resp: 289949

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.1	109.7
116	4.5	3.2	4.8



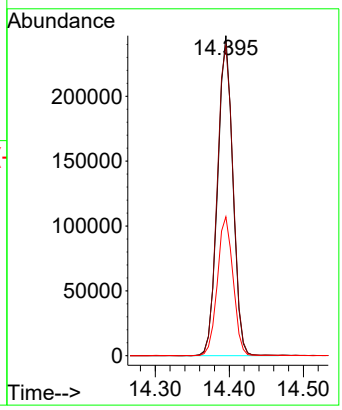


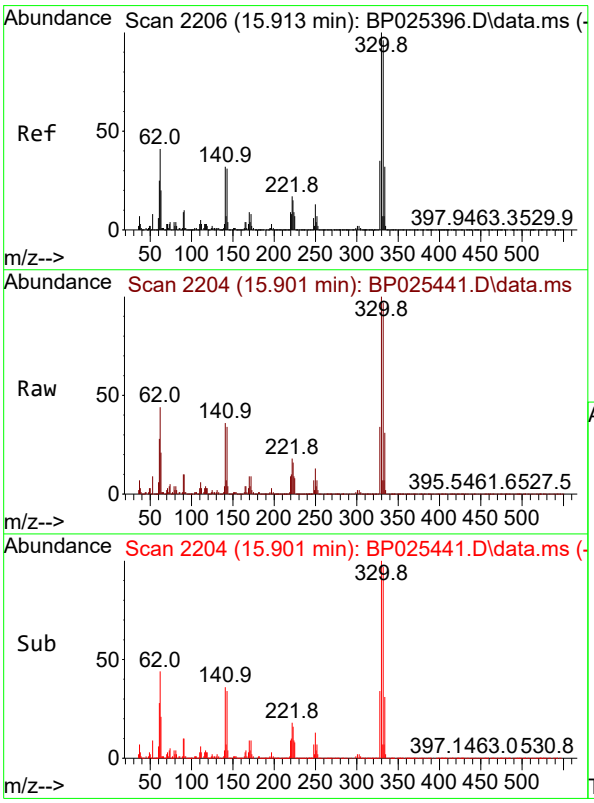
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Tgt Ion:164 Resp: 351260

Ion	Ratio	Lower	Upper
164	100		
162	96.9	81.0	121.6
160	43.4	35.4	53.2

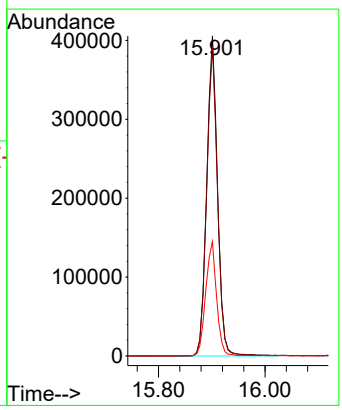


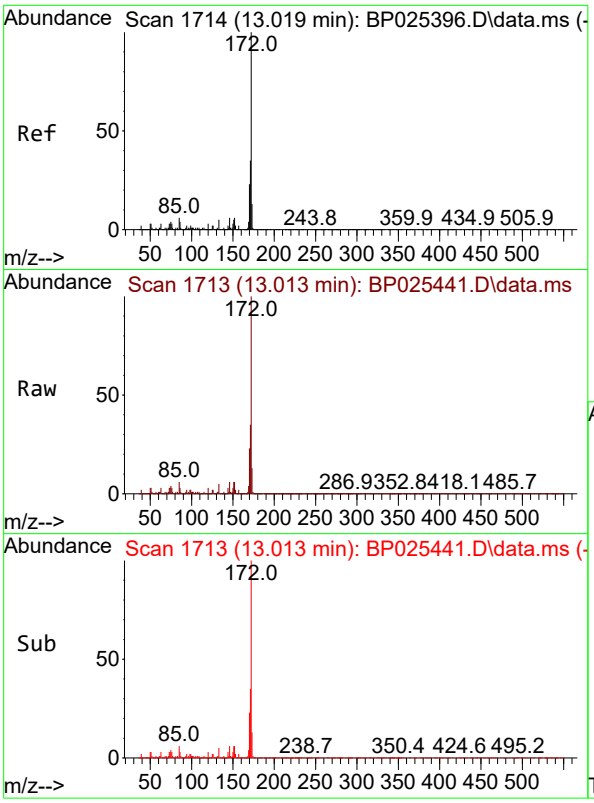


#42
2,4,6-Tribromophenol
Concen: 121.222 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Tgt Ion:330 Resp: 573137

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	35.7	26.6	39.8



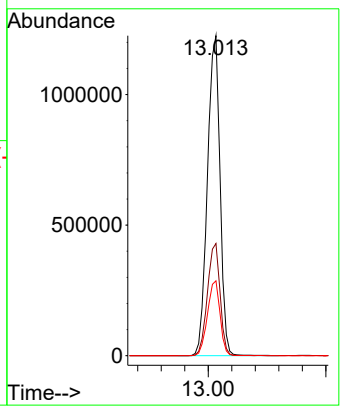


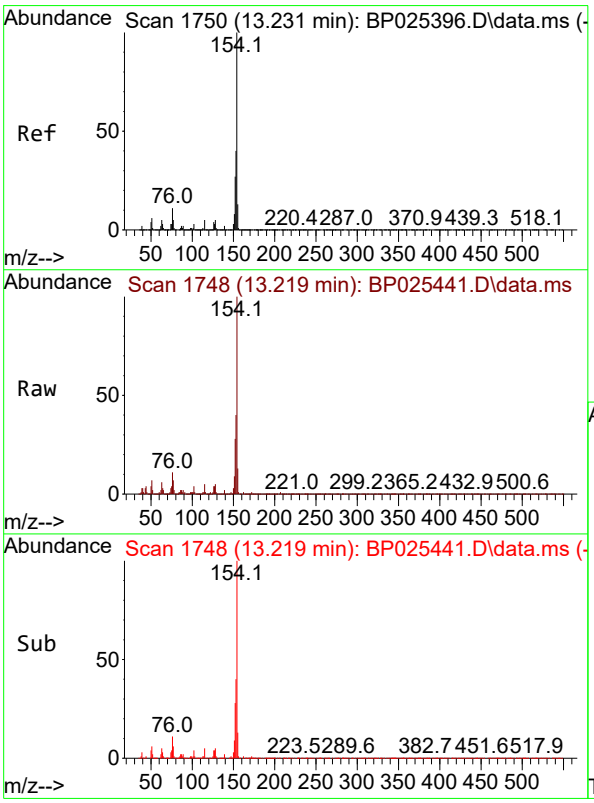
#45
2-Fluorobiphenyl
Concen: 70.743 ng
RT: 13.013 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Tgt Ion:172 Resp: 1818218

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.4	18.6	28.0

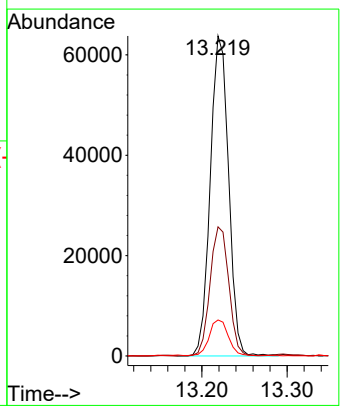


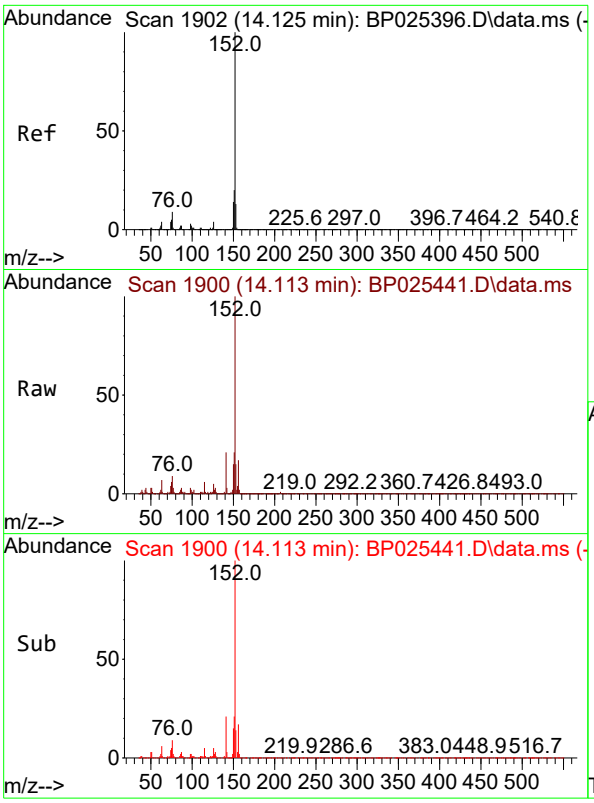


#46
1,1'-Biphenyl
Concen: 3.727 ng
RT: 13.219 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Tgt Ion:154 Resp: 95081

Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.5	59.5
76	11.2	0.0	31.1



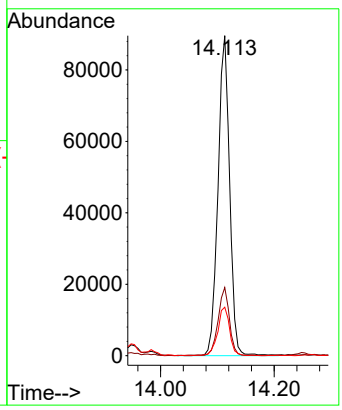


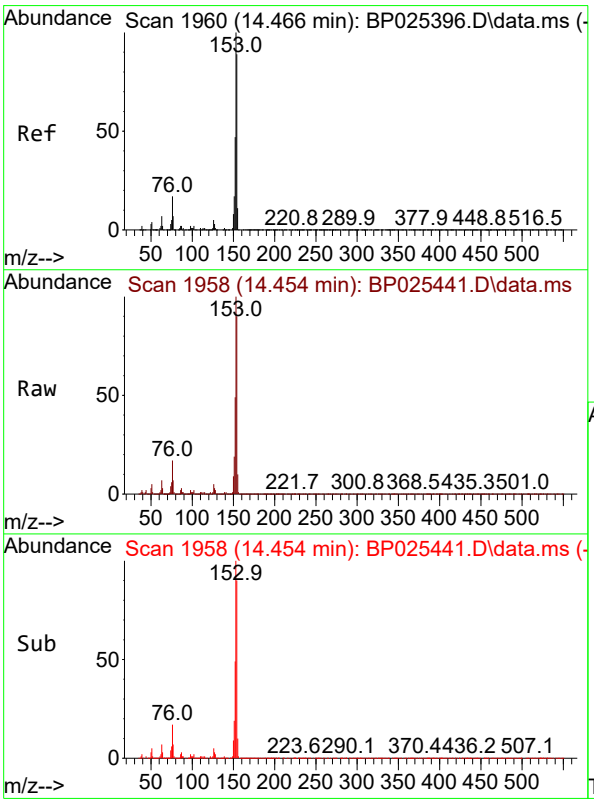
#49
Acenaphthylene
Concen: 3.870 ng
RT: 14.113 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Tgt Ion:152 Resp: 127162

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.0	24.0
153	15.2	10.6	15.8

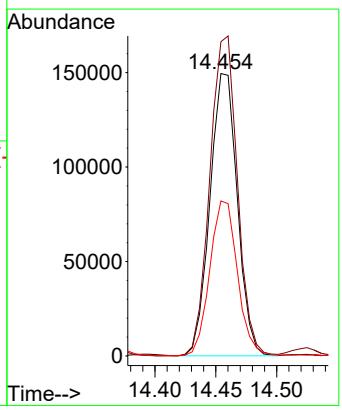


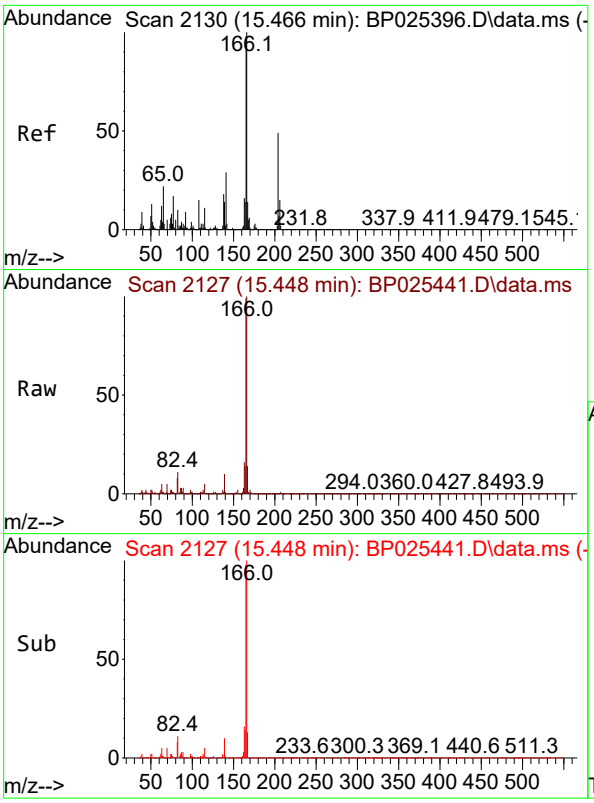


#52
Acenaphthene
Concen: 12.118 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Tgt Ion:154 Resp: 233746

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.2	135.2
152	54.9	42.1	63.1



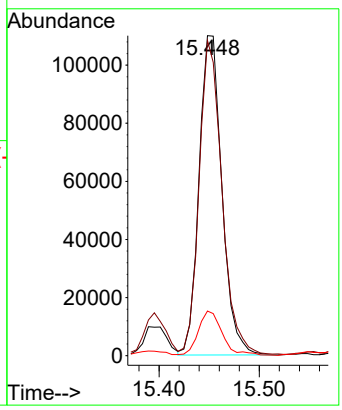


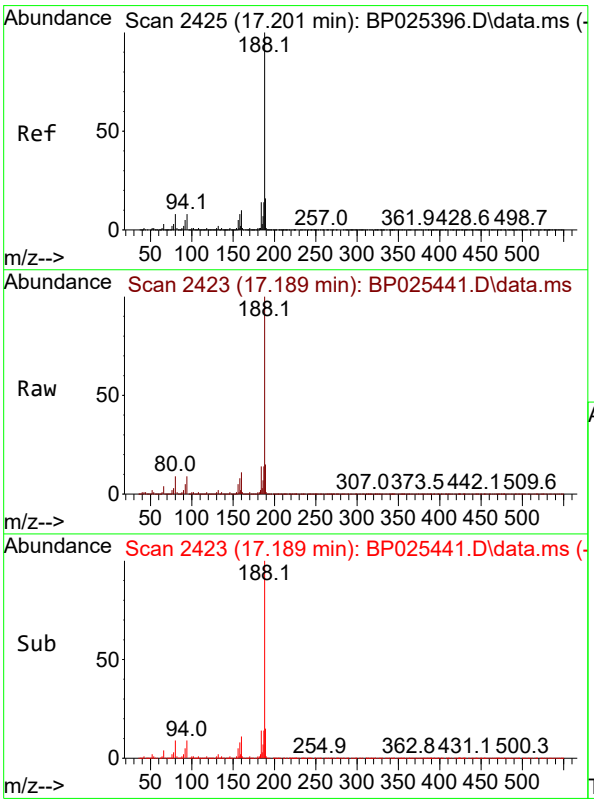
#58
Fluorene
Concen: 7.265 ng
RT: 15.448 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Tgt Ion:166 Resp: 174831

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	14.0	11.0	16.4

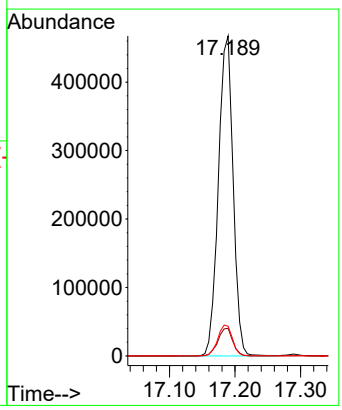


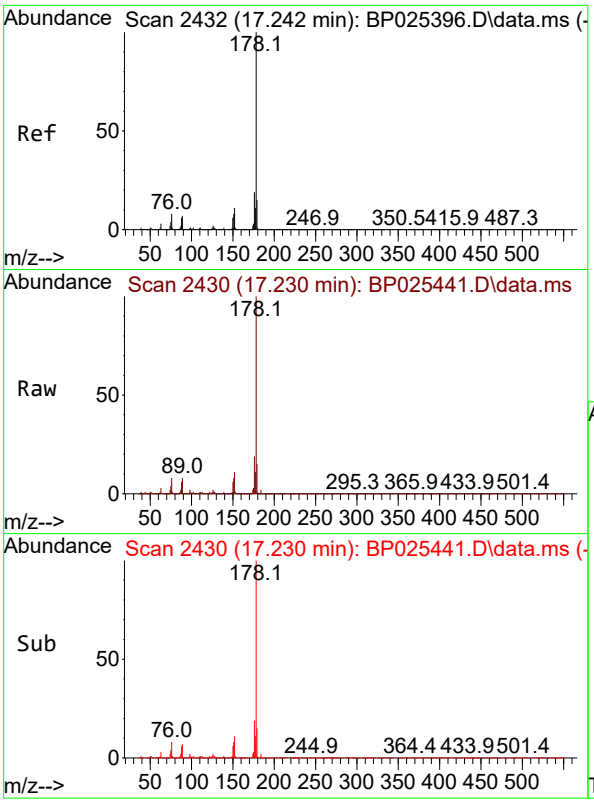


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Tgt Ion:188 Resp: 726268

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.3	6.7	10.1



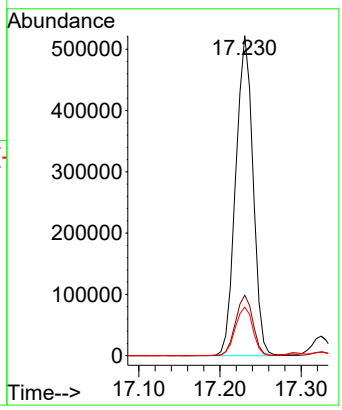


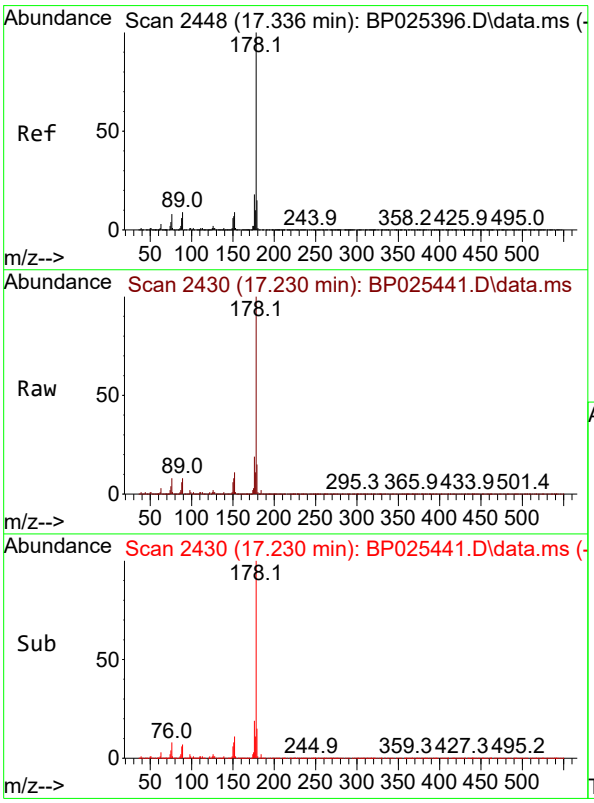
#71
Phenanthrene
Concen: 19.308 ng
RT: 17.230 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Tgt Ion:178 Resp: 770332

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.1	12.2	18.4

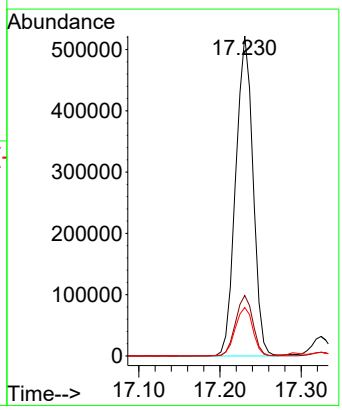


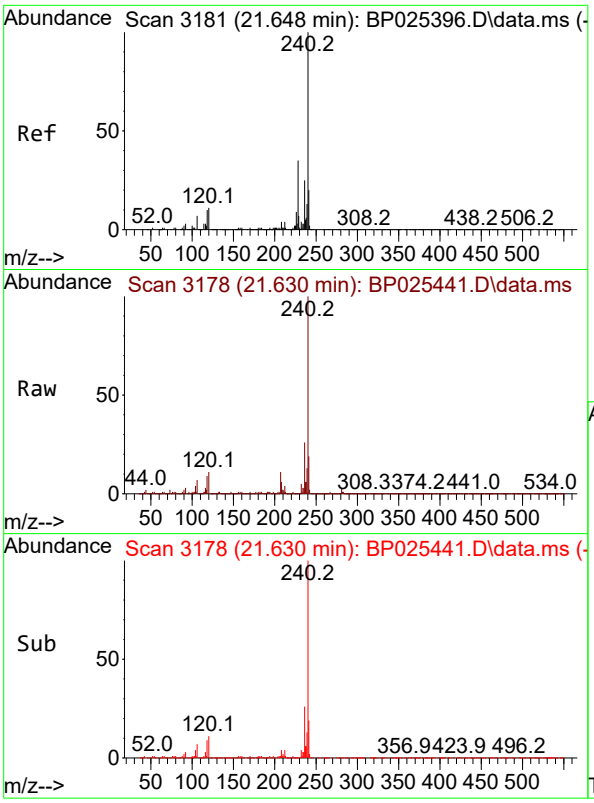


#72
Anthracene
Concen: 18.907 ng
RT: 17.230 min Scan# 2430
Delta R.T. -0.106 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Tgt Ion:178 Resp: 770332

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.1	12.2	18.2



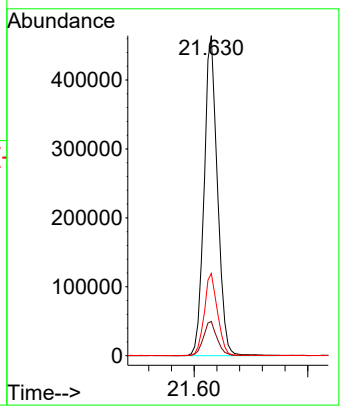


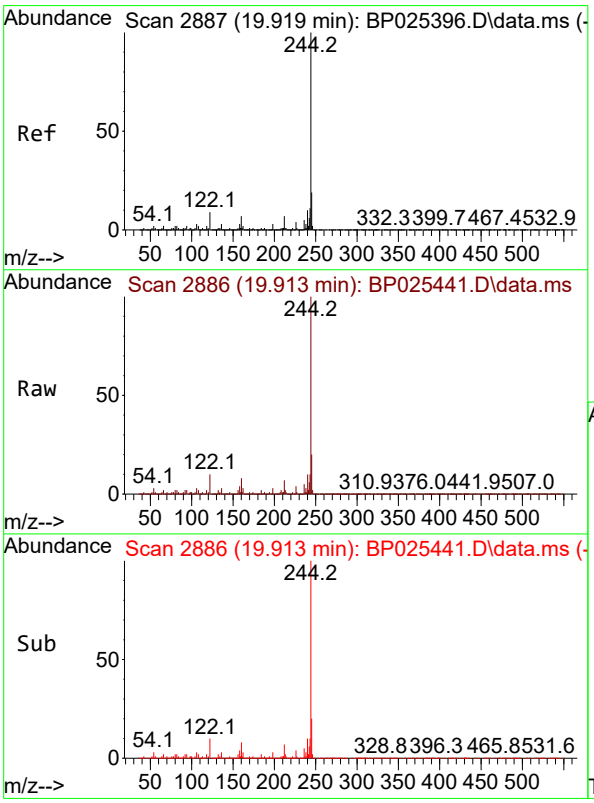
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Tgt Ion:240 Resp: 752195

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.7	19.8	29.8

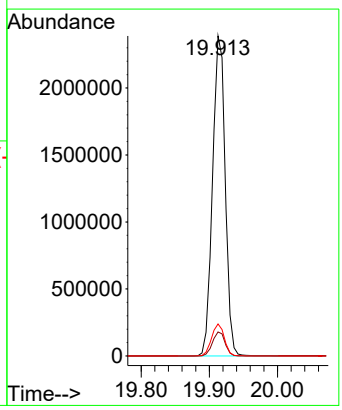


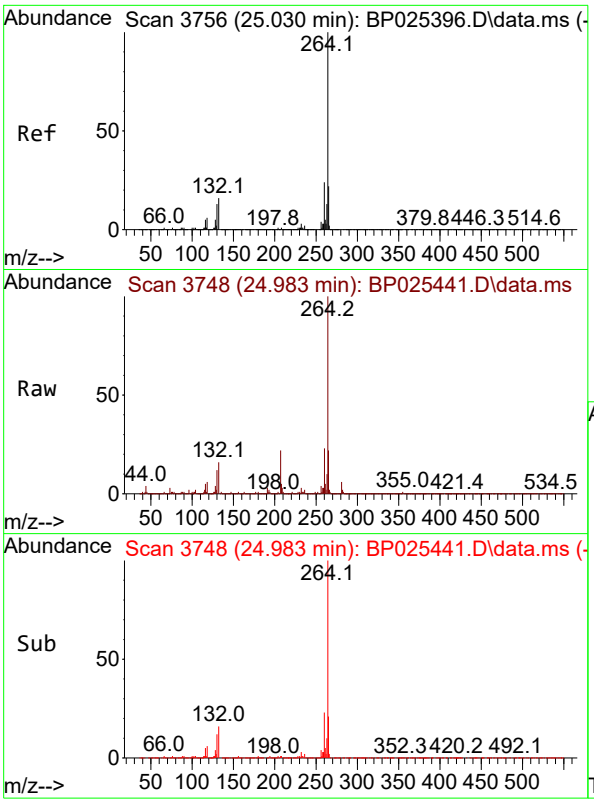


#79
Terphenyl-d14
Concen: 75.122 ng
RT: 19.913 min Scan# 2886
Delta R.T. -0.006 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Tgt Ion:244 Resp: 3088521

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	10.0	7.4	11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 3
Delta R.T. -0.047 min
Lab File: BP025441.D
Acq: 16 Aug 2025 01:55

Instrument :
BNA_P
ClientSampleId :
WC-A7-01-C

Tgt Ion:264 Resp: 794612

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.3	28.9
265	22.1	17.4	26.0